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PATENT APPLICATION

ATTORNEY DOCKET NO. 1001799-3

Inventor(s): Kenneth KOCH II, et al.

Confirmation No.: 4476

Application No.: 10/777,174

Examiner: Long T. Nguyen

Filing Date: February 13, 2004

Group Art Unit: 2816

Title: DRIVER CIRCUIT CONNECTED TO PULSE SHAPING CIRCUITRY

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment  
☒ New fee as calculated below  
☐ No additional fee  
☒ Other Exhibit 1

- ☐ Petition to extend time to respond  
☐ Supplemental Declaration

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	22	MINUS	20	= 2	X \$50	\$ 100
INDEP. CLAIMS	5	MINUS	4	= 1	X \$200	\$ 200
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 300

Charge \$ 300 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this paper is being  
transmitted to the Patent and Trademark Office  
facsimile number (571) 273-8300.

Date of facsimile: June 22, 2006

Typed Name: Danna L. Lizama

Signature: 

Respectfully submitted,

Kenneth KOCH II, et al.

By 

Allan M. Lowe

Attorney/Agent for Applicant(s)

Reg No.: 19,641

Date: June 22, 2006

Telephone: 703/684-1111

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second edition

# CMOS DIGITAL INTEGRATED CIRCUITS

Analysis and Design

SUNG-MO (STEVE) KANG

University of Illinois at Urbana-Champaign

YUSUF LEBLEBICI

Worcester Polytechnic Institute

Swiss Federal Institute of Technology-Lausanne

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Exhibit 1

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**WCB/McGraw-Hill***A Division of The McGraw-Hill Companies**To Myoung-A, Jennifer and Jefferey,  
and Anil and Ebru***CMOS DIGITAL INTEGRATED CIRCUITS: ANALYSIS AND DESIGN**

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Next, substitute  $V_{out}$  in the KCL equation (5.42), to obtain

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